

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026513.D
 Acq On : 31 Aug 2018 20:27
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05058

Quant Time: Sep 01 01:06:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164752	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157156	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77769	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46611	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.32%
7) Chloroethane-d5	1.68	69	43049	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	98116	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.36%
21) 2-Butanone-d5	4.18	46	76255	96.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.25%
24) Chloroform-d	4.65	84	95162	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.31	65	63264	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
32) Benzene-d6	5.34	84	184544	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.33	67	62643	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.68%
41) Toluene-d8	7.57	98	179828	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
43) trans-1,3-Dichloropropene-	7.85	79	29534	51.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.96%
47) 2-Hexanone-d5	8.31	63	59877	104.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92852	50.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	74503	52.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	62292	48.49	ug/L	100
3) Chloromethane	1.33	50	75845	47.82	ug/L	100
5) Vinyl chloride	1.40	62	82681	48.08	ug/L	99
6) Bromomethane	1.62	94	48869	47.94	ug/L	98
8) Chloroethane	1.70	64	51862	50.23	ug/L	99
9) Trichlorofluoromethane	1.89	101	107811	49.30	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	56990	46.71	ug/L	99
12) 1,1-Dichloroethene	2.28	96	53445	45.45	ug/L	84
13) Acetone	2.32	43	59461	86.68	ug/L	100
14) Carbon disulfide	2.48	76	160685	48.28	ug/L	99
15) Methyl Acetate	2.62	43	66041	49.03	ug/L	100
16) Methylene chloride	2.70	84	61743	51.07	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	53323	50.13	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	171124	53.00	ug/L	99
19) 1,1-Dichloroethane	3.45	63	107324	51.35	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	62335	52.31	ug/L	96
22) 2-Butanone	4.26	43	90343	97.97	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026513.D
 Acq On : 31 Aug 2018 20:27
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05058

Quant Time: Sep 01 01:06:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	32313	52.63	ug/L	95
25) Chloroform	4.68	83	109296	51.20	ug/L	100
27) 1,2-Dichloroethane	5.41	62	87051	50.57	ug/L	100
29) Cyclohexane	5.00	56	90663	52.95	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	90602	52.39	ug/L	99
31) Carbon tetrachloride	5.14	117	81710	52.00	ug/L	100
33) Benzene	5.39	78	237173	52.64	ug/L	100
34) Trichloroethene	6.19	95	58769	52.00	ug/L	99
35) Methylcyclohexane	6.42	83	94095	53.32	ug/L	99
37) 1,2-Dichloropropane	6.44	63	66515	53.33	ug/L	100
38) Bromodichloromethane	6.76	83	81539	51.26	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	92793	52.21	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	175302	104.21	ug/L	100
42) Toluene	7.64	91	251454	53.49	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	87996	51.95	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	59581	52.14	ug/L	99
46) Tetrachloroethene	8.23	164	49966	54.08	ug/L	96
48) 2-Hexanone	8.36	43	136310	102.89	ug/L	99
49) Dibromochloromethane	8.48	129	67700	52.58	ug/L	98
50) 1,2-Dibromoethane	8.59	107	63356	52.07	ug/L	98
51) Chlorobenzene	9.12	112	159803	50.83	ug/L	98
52) Ethylbenzene	9.25	91	269201	52.65	ug/L	99
53) m,p-Xylene	9.38	106	102679	53.78	ug/L	98
54) o-xylene	9.78	106	103415	55.55	ug/L	95
55) Styrene	9.79	104	173415	53.32	ug/L	97
56) Isopropylbenzene	10.17	105	262102	53.78	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	102693	51.02	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	79042	50.79	ug/L	99
61) Bromoform	9.96	173	51855	54.02	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	121046	53.19	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	124455	51.71	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	130976	54.57	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	21014	52.07	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	96643	52.62	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	84845	52.89	ug/L	99
69) Naphthalene	13.74	128	277778	55.46	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	93289	52.97	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083118\
Data File : VU026513.D
Acq On : 31 Aug 2018 20:27
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05058

Quant Time: Sep 01 01:06:25 2018
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

